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FM MOSCOW

TO THE WHITE HOUSE

S E C R E T 300145Z JUN 74

SECRET/SENSITIVE

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TO: SECRETARY KISSINGER

FROM: WALTER J. STOESEL, JR., 063

PASS TO SCOWCROFT, SONNENFELDT, HYLAND AND LODAL

DELIVER AT 8:00A.M.

SUBJECT: NUCLEAR TEST BAN: US AND SOVIET PROTOCOL TEXTS

THE US AND SOVIET VERSIONS OF THE TTB PROTOCOL, AS WORKED
OUT IN LAST NIGHT'S DRAFTING SESSION, FOLLOW, ALONG WITH PARA-
GRAPH BY PARAGRAPH COMMENT;

BEGIN TEXT: (US AND SOVIET VERSION)

DRAFT

JUNE 30, 1974

State Dept. review completed

PROTOCOL TO THE TREATY BETWEEN
THE UNITED STATES OF AMERICA AND
THE UNION OF SOVIET SOCIALIST
REPUBLICS ON THE LIMITATION
OF UNDERGROUND NUCLEAR WEAPON
TESTS

THE UNITED STATES OF AMERICAN AND THE UNION OF SOVIET
SOCIALIST REPUBLICS, HEREINAFTER REFERRED TO AS THE PARTIES,

HAVING AGREED TO LIMIT UNDERGROUND NUCLEAR WEAPONS TESTS,

HAVE AGREED AS FOLLOWS:

FOR THE PURPOSE OF ENSURING ADEQUATE VERIFICA-
TION BY NATIONAL TECHNICAL MEANS OF COMPLIANCE WITH THE OBLIGATIONS
OF THE PARTIES UNDER THE TREATY THE PARTIES SHALL, ON THE
BASIS OF RECIPROCITY, EXCHANGE THE FOLLOWING DATA:

END TEXT (US AND SOVIET VERSION)

BEGIN TEXT (US VERSION)

1. THE GEOGRAPHIC COORDINATES OF THE BOUNDARIES OF
EACH TEST SITE AND OF THE BOUNDARIES OF THE GEOPHYSICALLY
DISTINCT TESTING AREAS THEREIN. THE PARTIES AGREE THAT ALL
NUCLEAR WEAPON TESTS WILL BE CONDUCTED SOLELY WITHIN THE
TESTING AREAS SO SPECIFIED. FOR THE PURPOSE OF THIS TREATY
ALL NUCLEAR EXPLOSIONS CARRIED OUT AT SPECIFIED TEST SITES

MORI/CDF per C05147213

***** * * * * * WHSR COMMENT * * *

ON-FILE NSC RELEASE INSTRUCTIONS APPLY

KENNEDY, MCFARLANE, JANKA, SE/FL

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SHALL BE CONSIDERED NUCLEAR WEAPONS TESTS EXPLOSIONS.

END TEXT (US VERSION)

BEGIN TEXT (SOVIET VERSION)

1. THE GEOGRAPHIC COORDINATES OF THE BOUNDARIES OF EACH TEST SITE AND OF THE BOUNDARIES OF THE TESTING AREAS THEREIN. THE PARTIES AGREE THAT ALL NUCLEAR WEAPONS TESTS WILL BE CONDUCTED WITHIN THE TESTING AREAS SO SPECIFIED. THE TEST SITES OF EACH PARTY SHALL BE LOCATED AT PLACES UNDER ITS JURISDICTION AND CONTROL.

END TEXT (SOVIET VERSION)

COMMENTS:

TIMERBAEV SAW NO PROBLEM WITH ACCEPTING "GEOPHYSICALLY DISTINCT" BUT WANTED TO CHECK. THE SAME FOR THE LAST SENTENCE IN THE U.S. VERSION. THE LAST SENTENCE IN THE SOVIET VERSION WOULD HAVE A BAD EFFECT ON BRITAIN IF THE TREATY INCLUDED ACCESSION BY NUCLEAR WEAPONS STATES. WITHOUT ACCESSION, IT IS PROBABLY ACCEPTABLE IN A STRICTLY BILATERAL CONTEXT.

BEGIN TEXT (US VERSION)

2. INFORMATION ON THE GEOLOGY OF THE TESTING AREAS OF THE SITES (TYPES OF GEOLOGICAL FORMATIONS, THEIR AGE, PETROLOGY, AND BASIC PHYSICAL PROPERTIES OF ROCK: I.E., DENSITY, SEISMIC VELOCITY, WATER SATURATION, POROSITY AND DEPTH OF WATER TABLE).

END TEXT (US VERSION)

BEGIN TEXT (SOVIET VERSION)

2. INFORMATION ON THE GEOLOGY OF THE TESTING AREAS OF THE SITES (BASIC PHYSICAL PROPERTIES OF ROCK: I.E., DENSITY, SEISMIC VELOCITY, WATER SATURATION, POROSITY AND DEPTH OF WATER TABLE).

END TEXT (SOVIET VERSION)

COMMENT:

THE SOVIETS CLAIM WE DO NOT NEED TYPES OF GEOLOGICAL FORMATIONS, AGE OR PETROLOGY FOR AN UPPER THRESHOLD ONLY.

BEGIN TEXT (US AND SOVIET VERSIONS)

3. THE GEOGRAPHIC COORDINATES OF UNDERGROUND NUCLEAR WEAPONS TESTS, AFTER THEY HAVE BEEN CONDUCTED.

END TEXT (US AND SOVIET VERSIONS)

COMMENT:

THERE IS SOME DEBATE AMONG OUR TECHNICAL EXPERTS WHETHER IT IS BETTER TO GET THIS INFORMATION FROM THE SOVIETS OR WORSE TO GIVE IT OUT ON OUR OWN TESTING. WE TOLD THE SOVIETS THAT WE MIGHT VERY WELL COME BACK TO THIS POINT.

BEGIN TEXT (US VERSION)

4. YIELDS, DATES, TIME, DEPTH AND LOCATION FOR TWO OR MORE NUCLEAR EXPLOSIONS SUITABLE FOR CALIBRATION PURPOSES FROM EACH GEOPHYSICALLY DISTINCT TESTING AREA WHERE UNDERGROUND NUCLEAR EXPLOSIONS WITH A YIELD IN EXCESS OF 20 KILOTONS WILL BE CONDUCTED. THESE EXPLOSIONS SHOULD HAVE YIELDS NEAR 150 KILOTONS AND SHOULD IN NO CASE BE SMALLER THAN 20 KILOTONS.

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THE PROVISIONS OF THIS PARAGRAPH SHALL NOT REQUIRE THE PARTIES TO CONDUCT A SECOND CALIBRATION EXPLOSION IN THOSE CASES WHERE ONLY ONE EXPLOSION WOULD NORMALLY BE CONDUCTED.

END TEXT

(US VERSION)

COMMENT:

THE SOVIETS ASSERT THAT YIELD CALIBRATION DATA IS NOT REQUIRED FOR AN UPPER YIELD THRESHOLD.

BEGIN TEXT (US VERSION)

5. THE PARTIES AGREE THAT THE EXCHANGE OF DATA PROVIDED FOR IN PARAGRAPHS 1, 2 AND 4 OF THIS PROTOCOL SHALL BE CARRIED OUT BEFORE THE EXCHANGE OF INSTRUMENTS OF RATIFICATION OF THE TREATY BY EACH PARTY AS PROVIDED IN ARTICLE V OF THE TREATY. THE PARTIES FURTHER AGREE THAT IN THE EVENT THAT AT SOME FUTURE TIME, EITHER PARTY DESIRES TO USE TESTING SITES OR TESTING AREAS IN ADDITION TO THOSE SPECIFIED INITIALLY, THE DATA PROVIDED FOR IN PARAGRAPHS 1 AND 2 WILL BE PROVIDED PRIOR TO THE FIRST UNDERGROUND NUCLEAR TEST AND THE DATA DESCRIBED IN PARAGRAPH 4 WILL BE PROVIDED WITHIN 90 DAYS AFTER EXPLOSIONS SUITABLE FOR CALIBRATION HAVE OCCURRED.

END TEXT (US VERSION)

BEGIN TEXT (SOVIET VERSION)

5. THE PARTIES AGREE THAT THE EXCHANGE OF DATA PROVIDED FOR IN PARAGRAPHS 1, AND 2 OF THIS PROTOCOL SHALL BE CARRIED OUT SIMULTANEOUSLY WITH THE EXCHANGE OF INSTRUMENTS OF RATIFICATION OF THE TREATY BY EACH PARTY AS PROVIDED IN ARTICLE V OF THE TREATY.

END TEXT (SOVIET VERSION)

COMMENT:

THE QUESTION OF WHEN DATA IS HANDED OVER IN RELATION TO THE RATIFICATION OF THE TREATY COULD BECOME VERY CONTENTIOUS.

BEGIN TEXT (US VERSION AND SOVIET VERSION)

THIS PROTOCOL SHALL BE CONSIDERED AN INTEGRAL PART OF THE TREATY.

END TEXT (US AND SOVIET VERSIONS)

COMMENT:

THIS IS THE SOVIET WAY OF LINKING THE TREATY TO THE PROTOCOL. WARM REGARDS.

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